REMARKS

Claims 38-42 and 44-52 are pending in the application. The Examiner has rejected claims 38-52 under 35 U.S.C. §103 as being unpatentable over Elson, U.S. Patent Application Publication No. 2003/0014521 ("Elson") in view of U.S. Patent No. 6,139,177 ("Venkatraman") and/or U.S. Patent No.6,192,422 ("Daines").

Applicant has amended claims 38-42 and 45, cancelled claims 43-44, and added new claims 53-58. For the reasons set forth below, applicant believes that claims 38-42 and 45, as amended, as well as new claims 53-58 are in condition for allowance, and respectfully requests that they be allowed.

Examiner's Rejection of Claims 38-41, 43-48 and 52 under 35 U.S.C. §103(a)

The Examiner has rejected claims 38-41, 43-48 and 52 under 35 U.S.C. §103(a). The Examiner states:

> 6.   Claims 38-41, 43-48, and 52 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication No. 2003/0014521 to Elson et al. (hereinafter "Elson") and further in view of U.S. Patent No. 6,139,177 to Venkatraman et al. (hereinafter "Venkatraman").

Independent Claim 38

With respect to independent claim 38, the Examiner states:

> 7.   As to Claims 38 and 46, Elson discloses an apparatus and method for providing universal web access functionality to one or more electronic devices comprising:
>
> a plurality of configurable Input/Output ports (Elson; Figures 30-32: ports);
>
> a first of said plurality of configurable Input/Output ports configured to communicate with a first controllable electronic device (Elson; Figures 30-32; ports communicating with controllable electronic devices such as cell phones, GPS, remote platform, etc), said first controllable electronic device configured to be controllable by a first control signal (Elson; paragraphs 141, 145, 147, 218-219; resource controlled by requests) and to transmit status information about said first

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controllable electronic device (Elson; Figure 11 paragraphs 145, 147; resource status);

a second of said plurality of configurable Input/Output ports configured to communicate with a first controller (Elson; Figure 30-32; ports communicating with controller devices such as a PDA), said first controller configured to transmit said first control signal (Elson; paragraphs 141, 145, 147, 218-219; transmitting request to controlled device from PDA via Gateway Proxy);

a pass through service configured to define a bi-directional path between said first of said plurality of configurable Input/Output ports and said second of said plurality of configurable Input/Output ports to enable the transmission of said first control signal received from said first controller at said second of said plurality of configurable Input/Output ports through said first of said plurality of configurable Input/Output ports to said first controllable electronic device without requiring any re-programming of said first controller (Elson; Figures 30-32, paragraphs 141, 145, 147, 218-219, and 227; passing control signals between PDA and resource);

Elson does not explicitly disclose, however Venkatraman discloses a web server configured to serve a web page providing said status information about said first controllable electronic device (Venkatraman; Figures 2-3, column 1 lines 62-67 and column 2 lines 1-29; web server with web page to provide status information about resources).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify a contention manager, as disclosed by Elson, to include a web server, as disclosed by Venkatraman, in order to provide web access functionality to a device (Venkatraman; column 1 lines 62-67 and column 2 lines 1-29).

Applicant has amended independent claim 38 to more particularly point out what applicant regards as the invention. No new matter has been added.

Independent claim 38, as amended, claims a web accessible remote control apparatus for providing web based remote control of non-web-enabled electronic devices comprising a first serial port configured to transmit remote control commands over a first serial link to a second serial port of a first remotely controllable non-web enabled electronic device, said first remotely controllable non-web enabled electronic device configured to be controllable by said remote control commands received at said second serial port from a first remote control, said first serial port further configured to receive

status information from said first remotely controllable non-web enabled electronic device over said first serial link, a third serial port configured to receive remote control commands for remotely controlling said first remotely controllable non-web enabled electronic device over a second serial link from a fourth serial port of said first remote control, a pass through service configured to define a bi-directional path between said first serial port and said third serial port to enable the transmission of said remote control commands received over said second serial link from said first remote control at said third serial port through said first serial port over said first serial link to said first remotely controllable non-web enabled electronic device for controlling said first remotely controllable non-web enabled electronic device without requiring any re-programming of said first remote control or said first remotely controllable non-web enabled electronic device, and a web server configured to serve a web page providing a user interface for remotely controlling said first remotely controllable non-web enabled electronic device by sending remote control commands from said web accessible remote control apparatus through said first serial port over said first serial link to said first remotely controllable non-web enabled electronic device.

Applicant respectfully submits that independent claim 38, as amended, is patentable over Elson in view of Venkatraman. Elson does not disclose a web accessible remote control apparatus for allowing web based remote control of remotely controllable non-web enabled electronic devices as claimed in independent claim 38. Instead, Elson discloses a computer network for an automobile that includes various networked components, including components that provide resources and components that use resources. The network of Elson includes a "gateway" component that includes a resource manager ("UAX") that manages requests for use of the resource components from the components that use the resources. Elson does not disclose the claim elements set forth in amended claim 38, as recited in the preceding paragraph. Nor are those claim elements disclosed by Venkatraman or Gaines. Accordingly, applicant respectfully submits that independent claim 38, as amended, is patentably distinct from the prior art of record, and respectfully requests that independent claim 38 be allowed.

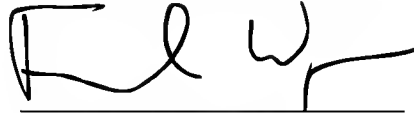Dependent Claims 39-42, 45 and 52-58

Dependent claims 39-42, 45 and 52-58 are dependent on independent claim 38 and include all of the limitations of claim 38 as well as additional limitations not disclosed by Elson, Venkatraman, Gaines, or any other prior art of record, either individually or collectively. Accordingly, Applicant believes that claims 39-42, 45 and 52-58 are allowable for the same reasons set forth above for independent claim 38, as well as for the additional reason of including additional limitations not disclosed by the prior art of record. Applicant therefore respectfully requests that claims 39-42, 45 and 52-58 be allowed.

CONCLUSION

For the above reasons, applicant believes that amended claims 38-42 and 45 and new claims 52-58 are patentably distinct from the prior art of record. Accordingly, applicant respectfully requests that they be allowed.

Respectfully submitted,

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